

Polypropylene fabric finishing to improve properties
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Patent Family

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JP 69029554	B					196800	B

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Abstract:

JP 69029554 B

Polypropylene is mixed with 1-30% of mixture of 25-5% polyethylene and 75-95% low mol. wt. n-paraffin, spun and fabric produced, and treated with treating agent after drying at > 130 deg.C but < melting pt. of polypropylene.

Can be used to improve colouring, flame-resistance, anti-static properties, crease-resistance, abrasion-resistance, anti-oxidn., softening, etc. and wash-resistant finish is obtd.

Suitable polyethylene has mol. wt. 12,000-120,000 and sp. gr. > 0.92 (obtd. by low, intermediate or high pressure process)

Suitable n-paraffin is paraffin, crystalline wax or polyethylene of average mol. wt. 500-3000.

Treating agent may be dye, pigment, size, water-proofing agent, flame-proofing agent, U. V. absorber, anti-oxidant, antistat, softener, etc.

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